

## CLAIMS

What is claimed is:

1. A method comprising:

dividing a GUI parent, having a GUI child, into sectors;

mapping the GUI child to at least one of the sectors; and

linking a cursor to the GUI child using the mapping.

2. A method comprising:

dividing a GUI parent, having GUI children, into sectors;

mapping each of the GUI children to at least one of the sectors; and

linking a cursor to one of the GUI children using the mapping.

3. A method comprising:

dividing GUI parents into sectors;

mapping a GUI child of a GUI parent to at least one of the sectors; and

linking a cursor to a GUI child using the mapping.

4. A method comprising:

generating GUI items comprising at least one GUI parent having at least one GUI child;

dividing each GUI parent into sectors;

mapping each GUI child to at least one of the sectors; and

linking a cursor to a GUI child using the mapping.

1           5.     A method for tracking a cursor in a GUI framework application  
2 comprising:

3           generating GUI items comprising at least one GUI parent having at least  
4 one GUI child;

5           dividing each GUI parent into sectors;

6           mapping each GUI child to at least one of the sectors; and

7           linking a cursor to a GUI child using the mapping.

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9           6.     A computer-readable medium storing computer-executable  
10 instructions to divide GUI items into sectors; to create a map of the GUI items in  
11 relation to the sectors; and to link a cursor to a GUI item using the map.

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13           7.     A method comprising:

14           receiving a GUI comprising a GUI parent having GUI children, the GUI  
15 children having positions within the GUI parent; and

16           dividing the GUI parent into sectors based on the positions of the GUI  
17 children within the GUI parent.

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19           8.     The method of claim 7 wherein each sector includes at least one of  
20 the GUI children.

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22           9.     The method of claim 7 further comprising mapping each of the GUI  
23 children to at least one of the sectors.

1           10.    The method of claim 7 further comprising linking a cursor to one of  
2 the GUI children using the mapping.

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4           11.    A computer-readable medium storing computer-executable  
5 instructions to receive a GUI comprising a GUI parent having GUI children, the  
6 GUI children having positions within the GUI parent, and to divide the GUI parent  
7 into sectors based on the positions of the GUI children within the GUI parent.

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9           12.    A method comprising:  
10         dividing a GUI parent associated with an operating system into operating  
11 system sectors; and  
12         dividing a GUI parent associated with a framework into framework sectors.

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14           13.    The method of claim 12 wherein the GUI parent associated with a  
15 framework comprises GUI children.

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17           14.    The method of claim 13 further comprising mapping each of the  
18 GUI children to at least one of the framework sectors.

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20           15.    The method of claim 14 further comprising linking a cursor to one of  
21 the GUI children using the mapping.

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23           16.    The method of claim 12 further comprising creating a map that maps  
24 operating system sectors to the operating system and maps framework sectors to  
25 the framework.

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2 17. The method of claim 16 wherein the map includes information  
3 related to GUI children.  
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5 18. A method comprising:  
6 dividing a GUI parent, having GUI children, into sectors;  
7 mapping each of the GUI children to at least one of the sectors;  
8 linking a cursor to one of the GUI children using the mapping; and  
9 painting one of the GUI children based on the linking.  
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